

Work Order ID 154769

154769

Page 1

Wednesday, December 21, 2016 11:54:22 A

Item ID: D4636-043 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Receptacle Bracket Assembly
 Start Date: 12/15/2016 Start Qty: 16.00 ***16*** Cust Item ID:
 Required Date: 12/23/2016 Req'd Qty: 16.00 ***16*** Customer:
 Reference:

Approvals: Process Plan: **DAS 21 9-89** Date: **DEC 21 2016** Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr							DAS 46 9-89	
D4636	D								17/01/04
100		0.01							
100	FLOW WATER JET								
Waterjet	Memo	0.05							
FLOW CNC Waterjet	1-Cut D4636-3 as per Dwg Dwg Rev: D Prog Rev: D 2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00						DAS 46 9-89	
110									17/01/04
QC	Memo	0.03							
Quality Control									
120	QC8- Inspect parts - second check	0.00							
120									
QC	Memo	0.05							
Quality Control								DAS 9 9-89	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Wednesday, December 21, 2016 11:54:22 A

154769

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N900040100

Setup Start *NS1*

Stop *NS2*

Stop *NS2*

16

Cust Item ID:

16

Customer:

Reference:

Run Start *NR1*

Approvals: _____ **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Work Order ID 154769***154769***

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Wednesday, December 21, 2016 11:54:22 A

Item ID: D4636-043 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Receptacle Bracket Assembly
Start Date: 12/15/2016 Start Qty: 16.00 ***16*** Cust Item ID:
Required Date: 12/23/2016 Req'd Qty: 16.00 ***16*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.27							
Quality Control									

17/01/18 *[Signature]*
mf
17-1-17

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
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OTHER :					

Picklist Print

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Work Order ID: 154769

154769

Parent Item: D4636-043

D4636-043

Parent Item Name: Receptacle Bracket Assembly

Start Date: 12/15/2016

Required Date: 12/23/2016

Start Qty: 16.00

Required Qty: 16.00

Comments: IPP REV:A 12.04.30 NEW ISSUE DD VERF:EC IPP REV:B
13.06.20 DWG PC2 DD VERF:JLM IPP REV:C 13.07.17
AS PER DWG REV.C DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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2350-18-C3Y

Purchased

No

Each

200.0000

16

2350-18-C3Y

Rigid Receptacle

**

17/01/13 DAS 36 9-89

Location

Loc Qty

Loc Code

ST579

200

19688

20

M131959

30

M131985

150

16

M304S20GA

Purchased

No

sf

96.2210

0.404211

M304S20GA

304/316 .040 Sheet

**

DAS 46 9-89

17/01/04

Location

Loc Qty

Loc Code

MAT020

95.4

m134495

0.2

m134982

0.1

m135327

7.9

m135689

23.2

m136327

64

0.49

MAT20

0.821

m133901

0.821

MS20426AD3-2

Purchased

No

Each

18,145.00

32

MS20426AD3-2

Rivet

**

17/01/13 DAS 36 9-89

Location

Loc Qty

Loc Code

Mezz

18145

1173

8865

13276

9280

m135274

DQA: _____ Date: _____



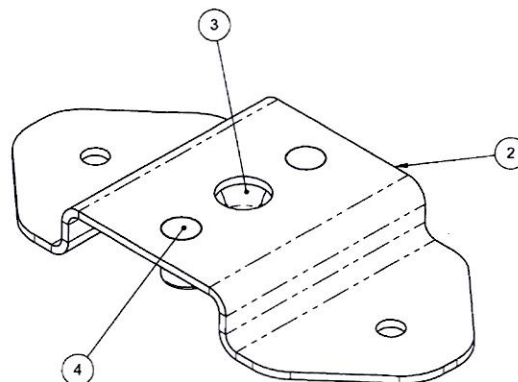
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		OTHER : _____																																																																		

ITEM NO.	QTY. -043	PART NUMBER	DESCRIPTION
1	X	D4636-043	RECEPTACLE BRACKET ASSY
2	1	D4636-3	RECEPTACLE BRACKET
3	1	2350-18-C3Y	RIGID RECEPTACLE
4	2	MS20426AD3-2	RIVET



D4636-043 RECEPTACLE BRACKET ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.044 lbs

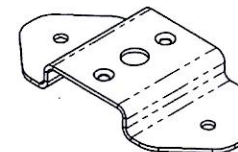
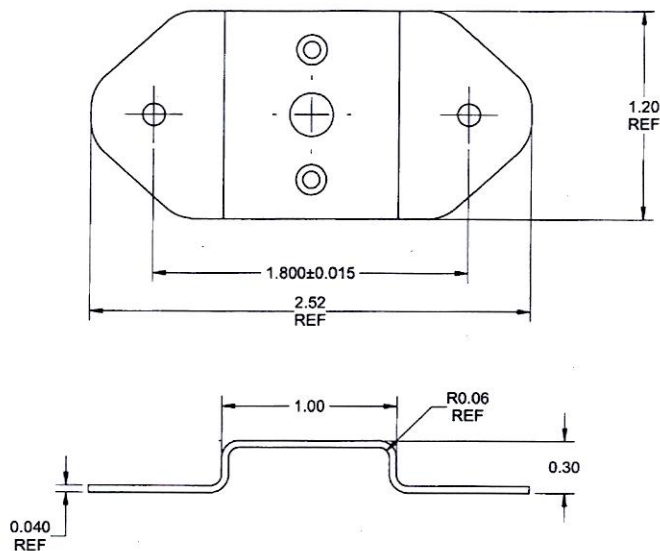
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 154769MLS

16-12-21

RELEASED
2013-12-23

ADS ECU 13-7025

D	REVISED D4636-7 (ZN B5-5)	RF	13.12.09
C	REMOVE -041/-1/-1F; REVISE D4636-043/-3 Ø0.221 WAS Ø0.500 (ZN C5-6); REVISE D4636-7 (ZN B4-5)	RF	13.06.18
B	2351-20-27-ZC3T WAS 2351-20-027-Z3CT (ZN D3-1)	RF	12.11.30
A	NEW ISSUE	RF	12.07.25
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	PC	DRAWING NO.	REV. D
MFG. APPR.	NS	D4636	SHEET 1 OF 7
APPROVED	NS	TITLE	SCALE
DE APPR.	NS	BRACKET ASSEMBLY	NTS
DATE	13.12.09	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



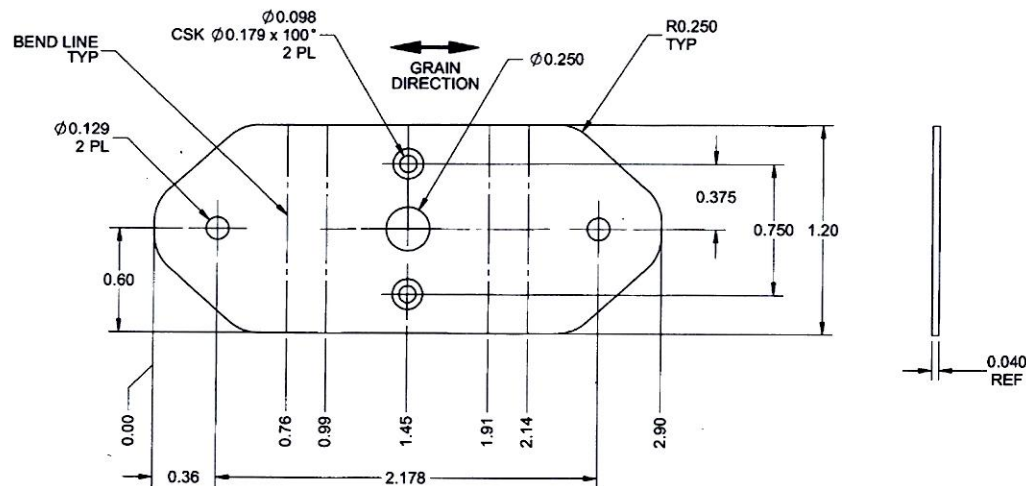
D4636-3 RECEPTACLE BRACKET

RELEASED
2013-12-23
ADS

NOTES:

- 1) MATERIAL: MAKE FROM D4636-3F FLAT PATTERN
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.03 lbs

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	BC	DRAWING NO.	REV. D
MFG. APPR.	DS	D4636	SHEET 2 OF 7
APPROVED	BS	TITLE	SCALE
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D4636-3F FLAT PATTERN RECEPTACLE BRACKET

NOTES:

- 1) MATERIAL: AISI 303 SS SHEET, ANNEALED 2B FINISH
PER MIL-S-5059 OR ASTM 240 OR ASME SA240
REF DART SPEC M303S20GA
OR AISI 304/316 SS SHEET, ANNEALED 2B FINISH
PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316)
OR ASTM 240 OR ASME SA240
REF DART SPEC M304S20GA
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.03 lbs

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2013-12-23
ADS

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	PC	DRAWING NO.	REV. D
MFG. APPR.	NS	D4636	SHEET 3 OF 7
APPROVED		TITLE	SCALE
DE APPR.		BRACKET ASSEMBLY	
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